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THE CLAIMS

Having thus described my invention, what I claim as new, useful and non-obvious and, accordingly, secure by Letters Patent of the United States is:

10 1. A constructional bolt, comprising:

an elongate body having a longitudinal internal channel including an open proximal end and a closed distal end, said distal end having an orifice having a diameter in a range of about .008 inches (0.2mm) to about .020 inches (0.5 mm).

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2 The constructional bolt as recited in Claim 1, further comprising:

means providing a pressurized water input to said proximal end of said channel of said elongate body at a pressure in a range of about 200 to about 1000 psi (1000 to 5000 cm Hg).

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whereby high pressure ejection of droplets from said orifice produces a flash evaporation within an ambient atmosphere to produce cooling in zones misted by said droplets.

25 3. The bolt as recited in Claim 1 in which a lateral external surface of said elongate body comprises a threading.

- 5 4. The bolt as recited in Claim 2 in which a lateral external surface of said
elongate body comprises a threading.
5. The bolt as recited in Claim 3, further comprising:
nut means complementally secured about said threading.
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6. The bolt as recited in Claim 5, further comprising:
washer means annularly secured about said elongate body and in
radial contact with one radial surface of said nut means.
- 15 7. The bolt recited in Claim 6, further comprising:
means for securing said washer means to a horizontal constructional
surface.
8. The bolt as recited in Claim 2, in which said proximal end of said
20 channel further comprises:
a slip-lock fitting in fluid communication with said pressurized water
input.
9. The bolt as recited in Claim 8, in which in which a lateral external
25 surface of said elongate body comprises a threading.

- 5 10. The bolt as recited in Claim 8, further comprising washer means
annularly secured about said elongate body and in radial contact with one
radial surface of said nut means.
- 10 11. The bolt as recited in Claim 10, further comprising:
means for securing said washer means to a horizontal constructional
surface.
12. The bolt as recited in Claim 7 in which said constructional surface
15 comprises an annular bracket of a lighting fixture.
13. The bolt as recited in Claim 12, in which said distal end includes an
integral radial flange by which flash mounting of said bolt to said surface may
be accomplished.
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14. The bolt as recited in Claim 12 in which said light fixture comprises a
fixture for use within a ceiling of a marine vessel.
15. The bolt as recited in Claim 8, in which said distal end of said bolt
25 comprising:
means for misting of lawn or landscape.